

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A ~~recording~~ computer readable medium having a data structure for managing reproduction of at least video data, comprising:

a navigation area storing at least one navigation file, the navigation file including navigation commands for managing reproduction of at least video data forming a main reproduction path and a side reproduction path such that the main reproduction path is not reproduced during reproduction of the side reproduction path, the side reproduction path being a side path to the main reproduction path.

2. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path.

3-9. (Cancelled)

10. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein the navigation commands are divided into navigation command groups.

11. (Currently Amended) The ~~recording~~ computer readable medium of claim 10, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path.

12-19. (Cancelled)

20. (Currently Amended) The ~~recording~~ computer readable medium of claim 10, wherein the navigation file further includes a length indicator indicating a length of the navigation file.

21. (Currently Amended) The ~~recording~~ computer readable medium of claim 10, wherein the navigation file further includes an attribute indicator providing an indication of at least one attribute of the navigation file.

22. (Currently Amended) The ~~recording~~ computer readable medium of claim 10, wherein the navigation file further includes a number of navigation command groups indicator indicating a number of the navigation command groups in the navigation file.

23. (Cancelled)

24. (Currently Amended) The ~~recording~~ computer readable medium of claim 1, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path.

25. (Currently Amended) A ~~recording~~ computer readable medium having a data structure for managing reproduction of at least video data, comprising:

a data area storing at least video data forming a main reproduction path and storing at least video data forming a side reproduction path, the side reproduction path being a side path to the main reproduction path; and

a navigation area storing at least one navigation file, the navigation file including navigation commands for managing reproduction of the main and side reproduction paths such that the main reproduction path is not reproduced during reproduction of the side reproduction path.

26. (Currently Amended) The ~~recording~~ computer readable medium of claim 25, further comprising:

a playlist area storing at least one playlist associated with the main reproduction path and at least one playlist associated with the side reproduction path; and wherein the navigation commands selectively control playback of the at least on playlist associated with main reproduction path and the at least one playlist associated with the side reproduction path.

27. (Currently Amended) The ~~recording~~ computer readable medium of claim 26, each playlist includes at least one playitem identifying at least a portion of a clip file of at least one of video and audio data recorded on the ~~recording~~ computer readable medium.

28-29. (Cancelled)

30. (Currently Amended) A method of recording a data structure for managing reproduction of data on a recording medium, comprising:

recording at least one navigation file on the recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming a main reproduction path and a side reproduction path such that the main reproduction path is not

reproduced during reproduction of the side reproduction path, the side reproduction path being a side path to the main reproduction path.

31. (Currently Amended) A method of reproducing a data structure for managing reproduction of at least data recorded on a recording medium, comprising:

reproducing at least one navigation file recorded on the recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming a main reproduction path and a side reproduction path such that the main reproduction path is not reproduced during reproduction of the side reproduction path, the side reproduction path being a side path to the main reproduction path.

32. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least data on a recording medium, comprising:

~~a driver for driving~~ an optical recording device configured to record data on the recording medium;

a controller ~~for controlling the driver~~ configured to control the optical recording device to record at least one navigation file on recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming a main reproduction path and a side reproduction path such that the main reproduction path is not reproduced during reproduction of the side reproduction path, the side reproduction path being a side path to the main reproduction path.

33. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of at least multiple reproduction path video data recorded on a recording medium, comprising:

~~a driver for driving~~ an optical reproducing device configured to reproduce data recorded on the recording medium;

a controller ~~for controlling the driver~~ configured to control the optical reproducing device to reproduce at least one navigation file recorded on the recording medium, the navigation file including navigation commands for managing reproduction of at least video data forming a main reproduction path and a side reproduction path such that the main reproduction path is not reproduced during reproduction of the side reproduction path, the side reproduction path being a side path to the main reproduction path.

34. (New) The method of claim 30, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path.

35. (New) The method of claim 30, wherein the navigation commands are divided into navigation command groups.

36. (New) The method of claim 35, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path.

37. (New) The method of 30, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path.

38. (New) The method of claim 31, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path.

39. (New) The method of claim 31, wherein the navigation commands are divided into navigation command groups.

40. (New) The method of claim 39, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path.

41. (New) The method of 31, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path.

42. (New) The apparatus of claim 32, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path.

43. (New) The apparatus of claim 32, wherein the navigation commands are divided into navigation command groups.

44. (New) The apparatus of claim 43, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path.
45. (New) The apparatus of 32, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path.
46. (New) The apparatus of claim 33, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path.
47. (New) The apparatus of claim 33, wherein the navigation commands are divided into navigation command groups.
48. (New) The apparatus of claim 47, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path.
49. (New) The apparatus of 33, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path.